

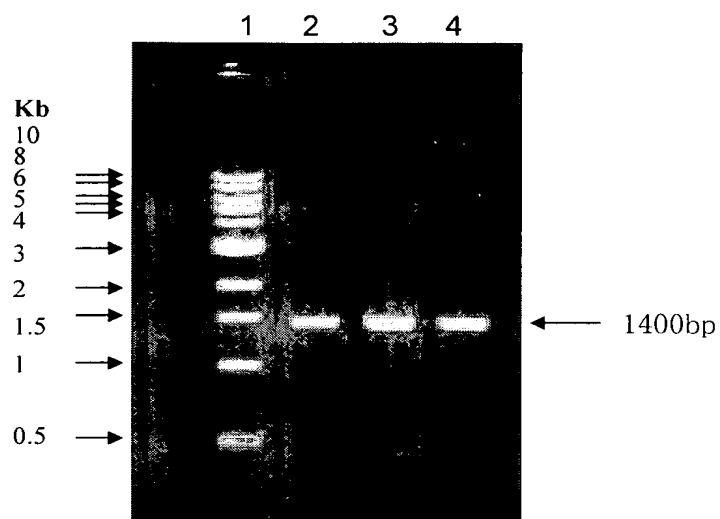
ENGLISH TRANSLATION OF THE TEXT OF DRAWING SHEETS 4-11

U.S. SERIAL NO. 10/556,640

APPLICANT: ZHAOHUI PENG, ET AL.

Annotated Sheet

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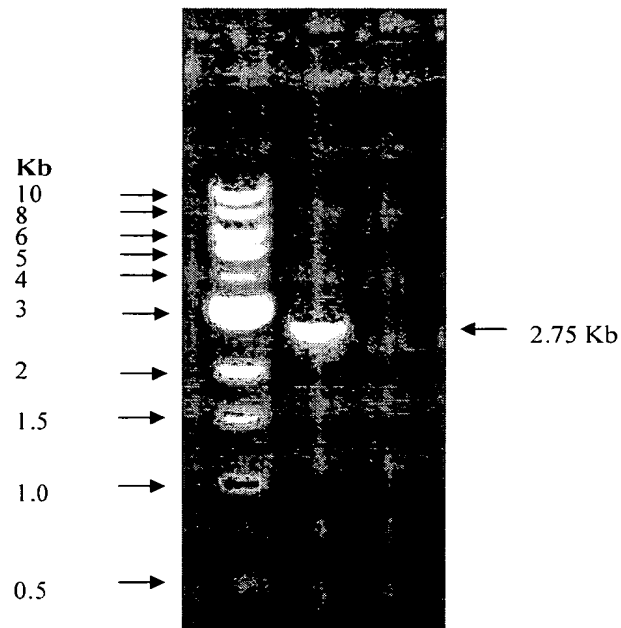


~~Fig.3 The agarose gel electrophoresis of PCR amplification
of the recombinant p53 adenovirus (1400bp) .
1. DNA marker; 2, 3, 4 The PCR results of the p53 cDNA~~

Fig.3

Annotated Sheet

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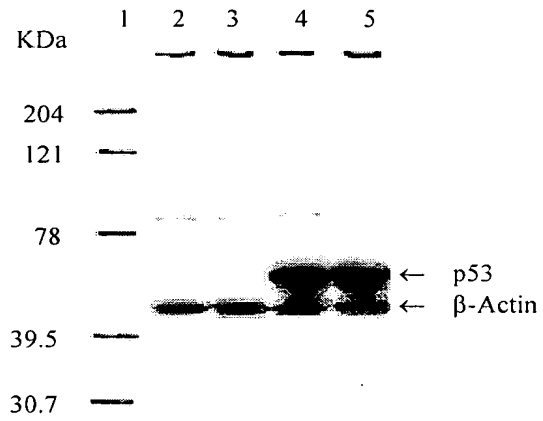


~~Fig.4 The electrophoresis of p53 (2750bp) by PCR
amplification the recombinant p53 adenovirus
1. DNA marker, 2. The PCR results of the recombinant p53
adenovirus~~

Fig.4

Annotated Sheet

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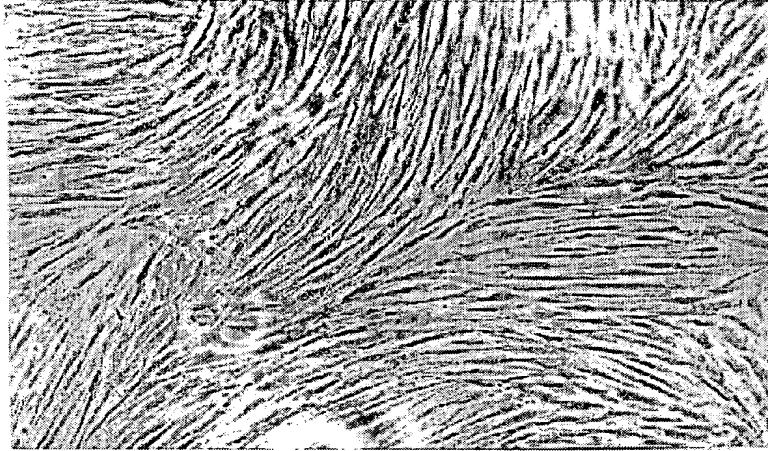
~~Fig 5. The expression of p53 carried by the recombinant p53 adenovirus in Hep 2 cells and H1299 cells~~

~~1. Protein marker; 2 3. Negative controls: Hep 2 cells and H1299 cells without infecting by SBN 1, respectively; 4 5. Hep 2 cells and H1299 cells infecting by SBN 1, respectively.~~

Fig. 5

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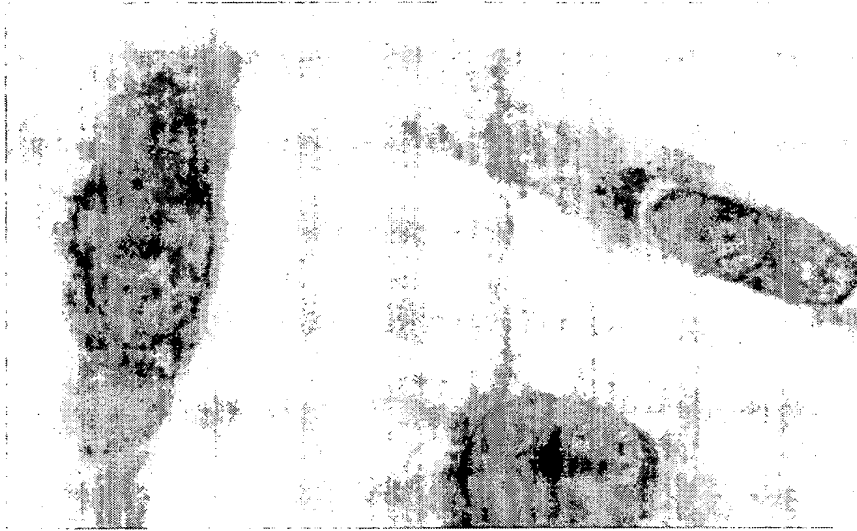


~~Fig 6. The continuous fibroblasts are in order, exhibit nodular or helix form.
The fibroblasts are spindle or irregularity, and the cell boundary is clear.~~

Fig 6

Annotated Sheet

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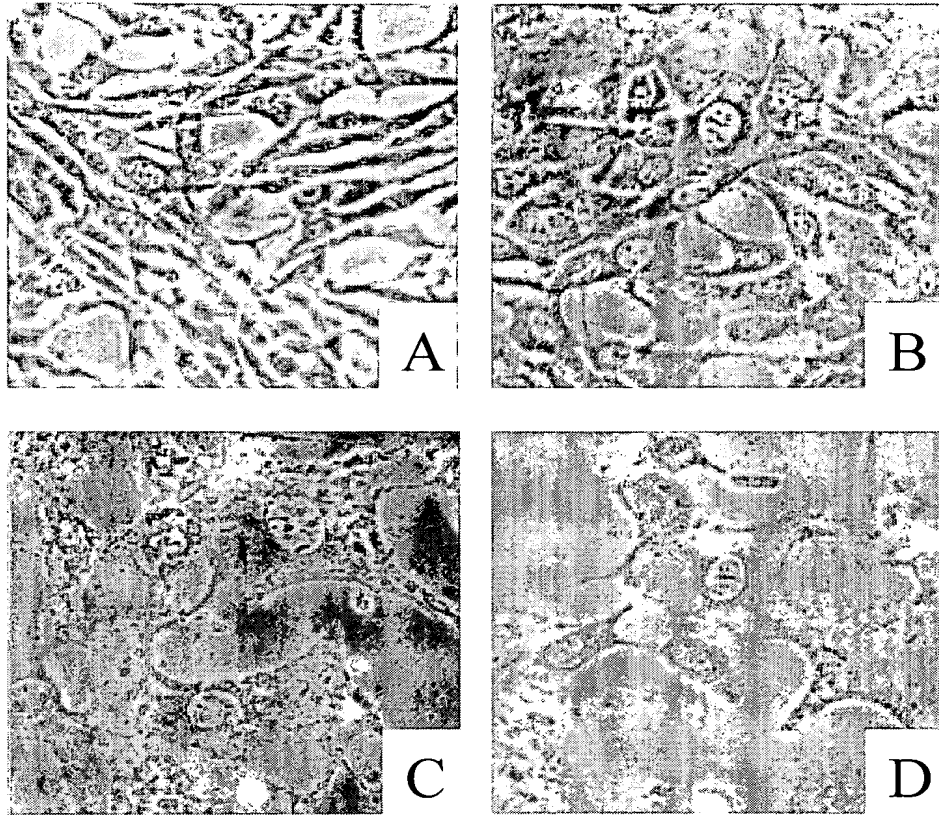


~~Fig.7 The cytolymph of the c cells using S P staining and vacuum is brown, and the nucleuses are blue. All the continuous cells are fibroblasts and can produce procollagen III because they are position cells.~~

Fig.7

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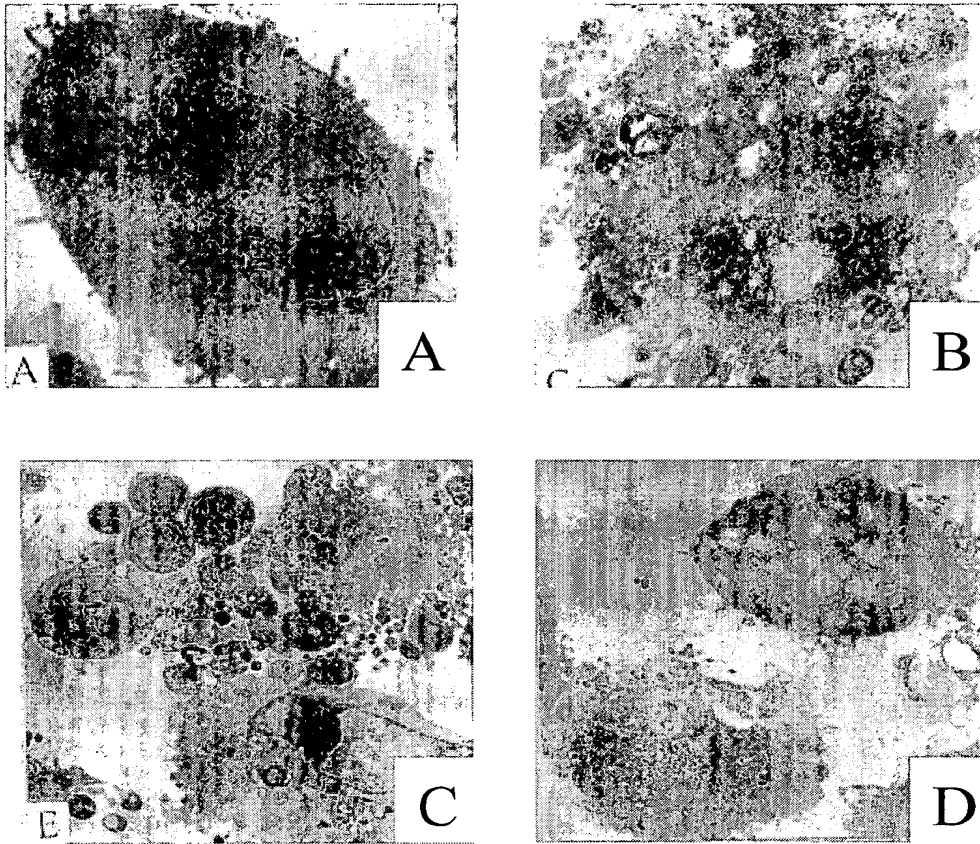


~~Fig.8 B, C, D counts the configuration changes of the Scar fibroblast cells, which are infected with recombinant adenovirus after 24h, 48h, and 72h. The volume of the cells is increase, and change from spindle to polygonal, the cytolymp is also increase, and the nuclear division is decrease and appears dissociation and avalanche. However, the configuration of the control cells is not change significantly.~~

Fig.8

Annotated Sheet

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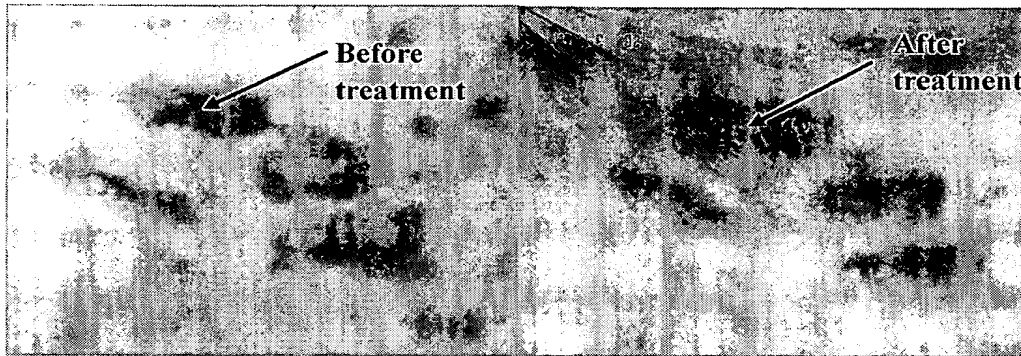


~~Fig.9 The observation (Fig. 9A, B, C) under transmission electron microscope exhibits the process of bubbling, appearing apoptotic body, and the apoptotic body casting in the cells with the recombinant medicine (MOI-200). Fig. 9D expresses another situation of apoptosis, which is the obvious increasing of chondriosomes.~~

Fig.9

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~~Fig.10 The size of the scar had significantly decreased after gene therapy for 4 weeks.~~

Fig.10